The Preface.

Although the Writing of theſe Tranſactions, *is not to to be looked upon as the* Buſineſs *of the* Royal Society: *Yet, in regard they are a* Specimen *of many things which lie before them; Contain a* great Variety *of Uſeful Matter; Are a convenient* Regiſter, *for the Bringing in, and Preſerving many* Experiments, *which, not enough for a Book, would elſe be loſt; and have proved a very good Ferment for the ſetting Men of Uncommon Thoughts in all parts a work: And becauſe, moreover, the want of them for theſe four laſt Years, wherein they have been diſcontinued, is much complained of: That the ſaid* Society *may not ſeem now to Condemn a Work, they have formerly encouraged; or to neglect the juſt Expectations of Learned and Ingenious Men: They have therefore thought fit, to take care for the revival hereof, that they may be Publiſhed once every Month, or at ſuch Times, whereof forenotice ſhall be given at the end of theſe, and the following* Tranſactions. *Neither is it doubted, but that thoſe who deſire to be accommodated herewith, will moſt readily endeavour, themſelves, or by others, to ſupply and keep up that Stock of* Experiments, *and other* Philoſophical Matters, *which will be neceſſary hereunto; with this aſſurance given them, That whatever they ſhall be pleaſed to communicate, ſhall be diſpoſed of with all Fidelity.*

Letters for this purpoſe, may be directed thus, For the Secretary of the Royal Society. To be left with Mr. *Hunt* at his Houſe in *Whale-bone* Court, in *Bell*-Alley in *Coleman* Street; Or, at the *Repoſitory* in *Greſham* College, *London.*

A Deſcription of Pen-Park-Hole *in* Gloceſterſhire; *Communicated by Sir* Robert Southwel.

THere is a place in *Gloceſterſhire* called *Pen Park*, about three Miles from *Briſtol*, and above three from *Severn*, where ſome *Miners* for Lead diſcovering a large Hole in the Earth: One Captain *Sturmy*, a warm, in-